



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/889,617
Source: Per/09 Rush
Date Processed by STIC: 8/26/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



Pf/09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/889,617

DATE: 08/26/2002

TIME: 14:07:23

Input Set : A:\pf066lusn_seqlist.txt

Output Set: N:\CRF3\08262002\I889617.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 HILLMAN, Jennifer L.
 6 YUE, Henry
 7 Y. Tom Tang
 8 AZIMZAI, Yalda
 10 <120> TITLE OF INVENTION: CANCER ASSOCIATED PROTEINS
 12 <130> FILE REFERENCE: PF-0661 PCT
 14 <140> CURRENT APPLICATION NUMBER: US/09/889,617
 15 <141> CURRENT FILING DATE: 2002-08-26
 17 <150> PRIOR APPLICATION NUMBER: 09/236,205
 18 <151> PRIOR FILING DATE: 1999-01-22
 20 <160> NUMBER OF SEQ ID NOS: 9
 22 <170> SOFTWARE: PERL Program
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 465
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Homo sapiens
 29 <220> FEATURE:
 30 <221> NAME/KEY: misc_feature
 31 <223> OTHER INFORMATION: Incyte ID No: 1518859CD1
 33 <400> SEQUENCE: 1

*Does not comply
 Corrected Diskette Needed*

34 Met Ala Ser Gln Leu Thr Gln Arg Gly Ala Leu Phe Leu Leu Phe
 35 1 5 10 15
 36 Phe Leu Thr Pro Ala Val Thr Pro Thr Trp Tyr Ala Gly Ser Gly
 37 20 25 30
 38 Tyr Tyr Pro Asp Glu Ser Tyr Asn Glu Val Tyr Ala Glu Glu Val
 39 35 40 45
 40 Pro Gln Ala Pro Ala Leu Asp Tyr Arg Val Pro Arg Trp Cys Tyr
 41 50 55 60
 42 Thr Leu Asn Ile Gln Asp Gly Glu Ala Thr Cys Tyr Ser Pro Lys
 43 65 70 75
 44 Gly Gly Asn Tyr His Ser Ser Leu Gly Thr Arg Cys Glu Leu Ser
 45 80 85 90
 46 Cys Asp Arg Gly Phe Arg Leu Ile Gly Arg Arg Ser Val Gln Cys
 47 95 100 105
 48 Leu Pro Ser Arg Arg Trp Ser Gly Thr Ala Tyr Cys Arg Gln Met
 49 110 115 120
 50 Arg Cys His Ala Leu Pro Phe Ile Thr Ser Gly Thr Tyr Thr Cys
 51 125 130 135
 52 Thr Asn Gly Val Leu Leu Asp Ser Arg Cys Asp Tyr Ser Cys Ser
 53 140 145 150
 54 Ser Gly Tyr His Leu Glu Gly Asp Arg Ser Arg Ile Cys Met Glu
 55 155 160 165

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/889,617

TIME: 14:07:23

Input Set : A:\pf0661usn_seqlist.txt

Output Set: N:\CRF3\08262002\I889617.raw

```

56 Asp Gly Arg Trp Ser Gly Gly Glu Pro Val Cys Val Asp Ile Asp
57          170          175          180
58 Pro Pro Lys Ile Arg Cys Pro His Ser Arg Glu Lys Met Ala Glu
59          185          190          195
60 Pro Glu Lys Leu Thr Ala Arg Val Tyr Trp Asp Pro Pro Leu Val
61          200          205          210
62 Lys Asp Ser Ala Asp Gly Thr Ile Thr Arg Val Thr Leu Arg Gly
63          215          220          225
64 Pro Glu Pro Gly Ser His Phe Pro Glu Gly Glu His Val Ile Arg
65          230          235          240
66 Tyr Thr Ala Tyr Asp Arg Ala Tyr Asn Arg Ala Ser Cys Lys Phe
67          245          250          255
68 Ile Val Lys Val Gln Val Arg Arg Cys Pro Thr Leu Lys Pro Pro
69          260          265          270
70 Gln His Gly Tyr Leu Thr Cys Thr Ser Ala Gly Asp Asn Tyr Gly
71          275          280          285
72 Ala Thr Cys Glu Tyr His Cys Asp Gly Gly Tyr Asp Arg Gln Gly
73          290          295          300
74 Thr Pro Ser Arg Val Cys Gln Ser Ser Arg Gln Trp Ser Gly Ser
75          305          310          315
76 Pro Pro Ile Cys Ala Pro Met Lys Ile Asn Val Asn Val Asn Ser
77          320          325          330
78 Ala Ala Gly Leu Leu Asp Gln Phe Tyr Glu Lys Gln Arg Leu Leu
79          335          340          345
80 Ile Ile Ser Ala Pro Asp Pro Ser Asn Arg Tyr Tyr Lys Met Gln
81          350          355          360
82 Ile Ser Met Leu Gln Gln Ser Thr Cys Gly Leu Asp Leu Arg His
83          365          370          375
84 Val Thr Ile Ile Glu Leu Val Gly Gln Pro Pro Gln Glu Val Gly
85          380          385          390
86 Arg Ile Arg Glu Gln Gln Leu Ser Ala Asn Ile Ile Glu Glu Leu
87          395          400          405
88 Arg Gln Phe Gln Arg Leu Thr Arg Ser Tyr Phe Asn Met Val Leu
89          410          415          420
90 Ile Asp Lys Gln Gly Ile Asp Arg Asp Arg Tyr Met Glu Pro Val
91          425          430          435
92 Thr Pro Glu Glu Ile Phe Thr Phe Ile Asp Asp Tyr Leu Leu Ser
93          440          445          450
94 Asn Gln Glu Leu Thr Gln Arg Arg Glu Gln Arg Asp Ile Cys Glu
95          455          460          465
98 <210> SEQ ID NO: 2
99 <211> LENGTH: 400
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <220> FEATURE:
104 <221> NAME/KEY: misc_feature
105 <223> OTHER INFORMATION: Incyte ID No: 2616269CD1
107 <400> SEQUENCE: 2
108 Met Ala Ala Arg Glu Ser Ala Ala Arg Pro Ala Ala Gly Pro Ala

```

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/889,617

TIME: 14:07:23

Input Set : A:\pf0661usn_seqlist.txt

Output Set: N:\CRF3\08262002\I889617.raw

109	1	5	10	15
110	Leu Trp Arg Leu Pro Glu Glu Leu Leu Leu Leu Ile Cys Ser Tyr			
111		20	25	30
112	Leu Asp Met Arg Ala Leu Gly Arg Leu Ala Gln Val Cys Arg Trp			
113		35	40	45
114	Leu Arg Arg Phe Thr Ser Cys Asp Leu Leu Trp Arg Arg Ile Ala			
115		50	55	60
116	Arg Ala Ser Leu Asn Ser Gly Phe Thr Arg Leu Gly Thr Asp Leu			
117		65	70	75
118	Met Thr Ser Val Pro Val Lys Glu Arg Val Lys Val Ser Gln Asn			
119		80	85	90
120	Trp Arg Leu Gly Arg Cys Arg Glu Gly Ile Leu Leu Lys Trp Arg			
121		95	100	105
122	Cys Ser Gln Met Pro Trp Met Gln Leu Glu Asp Asp Ser Leu Tyr			
123		110	115	120
124	Ile Ser Gln Ala Asn Phe Ile Leu Ala Tyr Gln Phe Arg Pro Asp			
125		125	130	135
126	Gly Ala Ser Leu Asn Arg Arg Pro Leu Gly Val Phe Ala Gly His			
127		140	145	150
128	Asp Glu Asp Val Cys His Phe Val Leu Ala Asn Ser His Ile Val			
129		155	160	165
130	Ser Ala Gly Gly Asp Gly Lys Ile Gly Ile His Lys Ile His Ser			
131		170	175	180
132	Thr Phe Thr Val Lys Tyr Ser Ala His Glu Gln Glu Val Asn Cys			
133		185	190	195
134	Val Asp Cys Lys Gly Gly Ile Ile Val Ser Gly Ser Arg Asp Arg			
135		200	205	210
136	Thr Ala Lys Val Trp Pro Leu Ala Ser Gly Arg Leu Gly Gln Cys			
137		215	220	225
138	Leu His Thr Ile Gln Thr Glu Asp Arg Val Trp Ser Ile Ala Ile			
139		230	235	240
140	Ser Pro Leu Leu Ser Ser Phe Val Thr Gly Thr Ala Cys Cys Gly			
141		245	250	255
142	His Phe Ser Pro Leu Arg Ile Trp Asp Leu Asn Ser Gly Gln Leu			
143		260	265	270
144	Met Thr His Leu Gly Ser Asp Phe Pro Pro Gly Ala Gly Val Leu			
145		275	280	285
146	Asp Val Met Tyr Glu Ser Pro Phe Thr Leu Leu Ser Cys Gly Tyr			
147		290	295	300
148	Asp Thr Tyr Val Arg Tyr Trp Asp Leu Arg Thr Ser Val Arg Lys			
149		305	310	315
150	Cys Val Met Glu Trp Glu Glu Pro His Asp Ser Thr Leu Tyr Cys			
151		320	325	330
152	Leu Gln Thr Asp Gly Asn His Leu Leu Ala Thr Gly Ser Ser Tyr			
153		335	340	345
154	Tyr Gly Val Val Arg Leu Trp Asp Arg Arg Gln Arg Ala Cys Leu			
155		350	355	360
156	His Ala Phe Pro Leu Thr Ser Thr Pro Leu Ser Ser Pro Val Tyr			
157		365	370	375

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/889,617

TIME: 14:07:23

Input Set : A:\pf066lusn_seqlist.txt

Output Set: N:\CRF3\08262002\I889617.raw

```

158 Cys Leu Arg Leu Thr Thr Lys His Leu Tyr Ala Ala Leu Ser Tyr
159                      380                      385                      390
160 Asn Leu His Val Leu Asp Phe Gln Asn Pro
161                      395                      400
164 <210> SEQ ID NO: 3
165 <211> LENGTH: 146
166 <212> TYPE: PRT
167 <213> ORGANISM: Homo sapiens
169 <220> FEATURE:
170 <221> NAME/KEY: misc_feature
171 <223> OTHER INFORMATION: Incyte ID No: 3117642CD1
173 <400> SEQUENCE: 3
174 Met Gly Phe Leu Arg Arg Leu Ile Tyr Arg Arg Arg Pro Met Ile
175      1              5              10              15
176 Tyr Val Glu Ser Ser Glu Glu Ser Ser Asp Glu Gln Pro Asp Glu
177                      20              25              30
178 Val Glu Ser Pro Thr Gln Ser Gln Asp Ser Thr Pro Ala Glu Glu
179                      35              40              45
180 Arg Glu Asp Glu Gly Ala Ser Ala Ala Gln Gly Gln Glu Pro Glu
181                      50              55              60
182 Ala Asp Ser Gln Glu Leu Val Gln Pro Lys Thr Gly Cys Glu Leu
183                      65              70              75
184 Gly Asp Gly Pro Asp Thr Lys Arg Val Cys Leu Arg Asn Glu Glu
185                      80              85              90
186 Gln Met Lys Leu Pro Ala Glu Gly Pro Glu Pro Glu Ala Asp Ser
187                      95              100             105
188 Gln Glu Gln Val His Pro Lys Thr Gly Cys Glu Arg Gly Asp Gly
189                      110             115             120
190 Pro Asp Val Gln Glu Leu Gly Leu Pro Asn Pro Glu Glu Val Lys
191                      125             130             135
192 Thr Pro Glu Glu Asp Glu Gly Gln Ser Gln Pro
193                      140             145
196 <210> SEQ ID NO: 4
197 <211> LENGTH: 2152
198 <212> TYPE: DNA
199 <213> ORGANISM: Homo sapiens
201 <220> FEATURE:
202 <221> NAME/KEY: misc_feature
203 <223> OTHER INFORMATION: Incyte ID No: 1518859CB1
205 <400> SEQUENCE: 4
206 ctgcagcaga cggactgagt tctctctaate cctgtgttcc ttctccccca tctttctaaa 60
207 accctttctt gagagaggaa taactatagc ttcagggata atatagcttt aaggaaactt 120
208 ttggcagatg tggacgtcgt aacatctggg cagtgttaac agaatcccgg aggcggggac 180
209 agaccaggag ccaactcgtt taggaatgtt aaagtagaag gttttttcca attgatgaga 240
210 gtagcagaga ggaaggagaa agaggaggag agagaaaaag ggcacaaaat accataaaac 300
211 agatcccata tttctgcttc cctcacttt tagaagttaa ttgatggctg acttctgaaa 360
212 gtcacttttc tttgccctgg tacttcaggc catatacatc tttcttctgc tccataatcc 420
213 tccctttcaa ggatggccag tcagctaact caaagaggag ctctctttct gctgtttctc 480
214 ctaactccgg cagtgcaccc aacatggtat gcaggttctg gctactatcc ggatgaaagc 540

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/889,617

DATE: 08/26/2002

TIME: 14:07:23

Input Set : A:\pf0661usn_seqlist.txt

Output Set: N:\CRF3\08262002\I889617.raw

```

215 tacaatgaag tatatgcaga ggaggtccca caggtcctg ccttgaacta cegagtcacc 600
216 cgatgggtgtt atacattaaa tatccaggat ggagaagcca catgetactc accgaaggga 660
217 ggaaattatc acagcagcct gggcacgcgt tgtgagctct cctgtgaccg gggctttcga 720
218 ttgattggaa ggaggtcggt gcaatgcctg ccaagccgtc gttggtctgg aactgcctac 780
219 tgcaggcaga tgagatgcca cgcactacca ttcatcacta gtggcactta cactgcaca 840
220 aatggagtgc ttcttgaactc tcgtgtgac tacagctgtt ccagtggcta ccacctggaa 900
221 ggtgatcgca gccgaatctg catggaagat gggagatgga gtggaggcga gcctgtatgt 960
222 gtagacatag atccccccaa gatccgtgtt cccactcac gtgagaagat ggcagagcca 1020
223 gagaaattga ctgctogagt ataactgggac ccaccgttg tgaagattc tctgtatggt 1080
224 accatcacca ggtgacactc tcggggccct gagcctggct ctcaacttcc cgaaggagag 1140
225 catgtgatcc gttacactgc ctatgaccga gcctacaacc gggccagctg caagttcatt 1200
226 gtgaaagtac aagtgagacg ctgcccaact ctgaaacctc cgcagcacgg ctacctcacc 1260
227 tgcacctcag cgggggacaa ctatggtgcc acctgtgaat accactgtga tggcggttat 1320
228 gatcgccagg ggacaccctc cggggtctgt cagtccagcc gccagtggtc aggttcacca 1380
229 ccaatctgtg ctctatgaa gattaacgtc aacgtcaact cagctgctgg tctcttggat 1440
230 caattctatg agaaacacgg actcctcacc atctcagctc ctgatccttc caaccgatat 1500
231 tataaaatgc agatctctat gctacagcaa tccacctgtg gactggattt gcggcatgtg 1560
232 accatcattg aactggtggg acagccacct caggaggtgg ggcgcacccg ggagcaacag 1620
233 ctgtcagcca acatcatcga ggagctcagg caatttcagc gctcactcgc ctctacttcc 1680
234 aacatggtgt tgattgacaa gcagggtatt gaccgagacc gctacatgga acctgtcacc 1740
235 cccgaggaaa tcttcacatt cattgatgac tacctactga gcaatcagga gttgacctag 1800
236 cgtcgggagc aaagggacat atgcgagtga acctgagcca gggcatggtt aaagtcaagg 1860
237 gaaaagctcc tctagttagc tgaaactggg acctaatata aggaggaaat gttttccacc 1920
238 agttctaggg acaggactct gaggtgggtg agtttgacaa atcctgcagt gtttccaggc 1980
239 atccttttag gactgtgtaa tagtttccct agaagctagg tagggactga ggacaggcct 2040
240 tgggcagtgg gttgggggta gaagttcttc ctttctaac ccgggccctt gccagctctt 2100
241 ccaaagtctt tcagaaaagt aaatcctaaa ttcagtgaat aaaaaaaaaa aa 2152
244 <210> SEQ ID NO: 5
245 <211> LENGTH: 1888
246 <212> TYPE: DNA
247 <213> ORGANISM: Homo sapiens
249 <220> FEATURE:
250 <221> NAME/KEY: misc_feature
251 <223> OTHER INFORMATION: Incyte ID No: 2616269CB1
253 <400> SEQUENCE: 5
254 cacgcgggtca ggcttgggccc gacatcgccg ggacaggggt ggccatggcg gctcgggagt 60
255 cggctgcccc ccggcccgcg gggcctgcgc tctggcgccct gccggaggag ctgctgctgc 120
256 tcatctgctc ctacctggac atgcgggccc tcggccgcct ggcccagggt tgccgctggc 180
257 tgcggcgctt caccagctgc gatctgctct ggcgcgggat agcccgggccc tcgctcaact 240
258 ccggcttcac gcgctcggc accgacctga tgaccagtgt ccagtgaaag gaacgagtga 300
259 aggtgtctca gaactggaga ctggggcgct gcgagaggg gattctgctg aagtggagat 360
260 gcagtcagat gccctggatg cagctagagg atgattctct gtacatatcc caggctaatt 420
261 tcatcctggc ctaccagttc cgtccagatg gtgccagctt gaatcgtcgg cctctgggag 480
262 tctttgctgg ccatgatgag gacgtttgcc actttgtgct ggccaaactc catattgtta 540
263 gtgcaggagg ggatgggaag attggcattc ataagattca cagraccttc actgtcaagt 600
264 actcggctca tgaacaggag gtgaactgtg tggattgcaa agggggcacc attgtgagt 660
265 gctccaggga caggacggcc aaggtgtggc ctttggcctc aggcggctg gggcagtgt 720
266 tacacaccat ccagactgaa gaccgagtct ggtccattgc tatcagccc ttactcagct 780
267 cttttgtgac agggacggct tgttgccggc acttctcacc cctgagaatc tgggacctca 840

```

<210> 7
<211> 464
<212> PRT
<213> Rattus norvegicus

<300>

<308> GenBank ID No: g1345423

<309> ← this and its response are mandatory whenever <308> has a response

<400> 7

same even in segs 8-9

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/889,617

DATE: 08/26/2002

TIME: 14:07:24

Input Set : A:\pf0661usn_seqlist.txt

Output Set: N:\CRF3\08262002\I889617.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:319 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:7
L:392 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:8
L:441 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:9